

**STATEMENT OF BASIS (AI No. 32742)**

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0116840 to discharge to waters of the State of Louisiana.

**THE APPLICANT IS:** Boise Building Solutions Manufacturing, LLC  
Alexandria Engineered Wood Products Plant  
8835 Highway 1 North  
Lena, Louisiana 71447

**ISSUING OFFICE:** Louisiana Department of Environmental Quality (LDEQ)  
Office of Environmental Services  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

**PREPARED BY:** Sonja Loyd  
Water Permits Division  
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**DATE PREPARED:** February 4, 2008

**1. PERMIT STATUS**

- A. Reason for Permit Action: Reissuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term.
- B. LPDES permit: Effective date - April 1, 2003  
Minor Modification - December 1, 2004  
Expiration date - March 31, 2008
- C. Date Application Received: The permit renewal application was received on September 24, 2007. Supplemental information was received on October 15, 2007.

**2. FACILITY INFORMATION**

A. FACILITY TYPE/ACTIVITY -

This permittee operates an existing engineered wood products plant that uses wood veneer, oriented strand board, resins, adhesives, and parallel laminated veneer to manufacture engineered wood products. No process wastewaters are discharged from this facility. All process areas and raw materials are covered and/or located inside of buildings. Sealer cleanup wastewater, sanitary wastewater, treated equipment washwater, air compressor condensate, and non-contact cooling water are routed to the Boyce Publicly Owned Treatment Works (POTW). The only discharges from this facility are stormwater runoff and air conditioner condensate.

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- B. FEE RATE  
1. Fee Rating Facility Type: Minor  
2. Complexity Type: II  
3. Wastewater Type: III  
4. SIC code: 2439
- C. LOCATION - 8835 Highway 1 North in Lena, Rapides Parish  
(Latitude 31°24'04", Longitude 92°42'45")
- D. Technology Basis - (40 CFR Chapter 1, Subchapter N/Parts 401, 405-415, and 417-471 have been adopted by reference at LAC 33:IX.4903)

<u>Guideline</u>	<u>Reference</u>
Timber Products Processing Point	40 CFR 429
Source Category	

Other sources of technology based limits:  
Current LPDES permit (effective April 1, 2003)  
LDEQ Stormwater Guidance, letter dated 6/17/87, from J. Dale Givens  
(LDEQ) to Myron Knudson (USEPA)  
Best Professional Judgement

### 3. OUTFALL INFORMATION

#### Outfall 001

Discharge Type: Non-process area stormwater runoff and air conditioner condensate  
Treatment: Baffled concrete structure prior to outfall that allows for sedimentation  
Location: At the point of discharge on the western edge of the facility's property prior to combining with other waters (Latitude 31°24'02", Longitude 92°42'46")  
Flow: Intermittent  
Discharge Route: Lake Rodemacher via local drainage

### 4. RECEIVING WATERS

Stream - Lake Rodemacher via local drainage

Basin and Subsegment - Red River Basin, Subsegment No. 101201

Designated Uses - a. primary contact recreation  
b. secondary contact recreation  
c. propagation of fish and wildlife

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Total Maximum Daily Loading (TMDL) Status

Subsegment No. 101201 of the Red River Basin is not listed on the 2006 Final Integrated 303(d) List as being impaired. A reopener clause has been placed in Part II of the permit to allow for more stringent or additional limitations or requirements to be placed in the permit, if needed, as a result of any future TMDL.

5. CURRENT EFFLUENT LIMITS

See Appendix A - LPDES permit limits

6. PROPOSED EFFLUENT LIMITS

Outfall 001 - Non-process area stormwater runoff and air conditioner condensate

Parameter	Monthly Average	Daily Maximum	Measurement Frequency (*1)	Sample Type	Reference
	unless otherwise stated (mg/L)				
Flow (MGD)	Report	Report	1/quarter	Estimate	Current LPDES permit
TOC	---	50	1/quarter	Grab	Current LPDES permit
Oil and Grease	---	15	1/quarter	Grab	Current LPDES permit
pH (Standard Units)	6.0 (Min)	9.0 (Max)	1/quarter	Grab	Current LPDES permit

(\*1) When discharging.

7. STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENT

In accordance with LAC 33:IX.2707.I.3 and 4 [40 CFR 122.44(I)(3) and (4)], a Part II condition is proposed for applicability to all stormwater discharges from the facility, either through permitted outfalls or through outfalls which are not listed in the permit or as sheet flow. The Part II condition requires a Storm Water Pollution Prevention Plan (SWP3) within six (6) months of the effective date of the final permit, along with other requirements. If the permittee maintains other plans that contain duplicative information, those plans could be incorporated by reference into

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the SWP3. Examples of these type of plans include, but are not limited to: Spill Prevention Control and Countermeasure Plan (SPCC), Best Management Plan (BMP), Response Plans, etc. The conditions will be found in the draft permit. Including BMP controls in the form of a SWP3 is consistent with other LPDES and EPA permits regulating similar discharges of stormwater associated with industrial activity, as defined at LAC 33:IX.2511.B.14 [(40 FR 122.26 (b)(14))].

#### **8. COMPLIANCE HISTORY/DMR REVIEW**

- A. LDEQ records were reviewed for the period of March 2006 through March 2008. No water enforcement actions were issued during this time period.
- B. A DMR review of the monitoring reports for the period of April 2003 through December 2007 revealed that there were no effluent violations.
- C. The last inspection was performed on April 4, 2002. There were no areas of concern noted in the report.

#### **9. ENDANGERED SPECIES**

The receiving waterbody, Subsegment No. 101201 of the Red River Basin is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife (FWS). This strategy was submitted with a letter dated October 24, 2007 from Boggs (FWS) to Brown (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat. Therefore, the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat.

#### **10. HISTORIC SITES**

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

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**11. TENTATIVE DETERMINATION**

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in the application.

**12. PUBLIC NOTICE**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper(s) of general circulation

Office of Environmental Services Public Notice Mailing List